



BRASS PUSH-TO-CONNECT D.O.T. AIR BRAKE FITTINGS

(FOR D.O.T. AIR BRAKE TUBE: SEE PAGE 142)

D.O.T. RECOGNIZED FOR ALL AIR BRAKE APPLICATIONS EXCEPT THOSE FOR USE BETWEEN FRAME AND AXLE OR BETWEEN TOWED AND TOWING VEHICLES.

A



TEE
Ends Tube
and
Male Pipe
Center Tube

PART No.	Tube	Pipe
PC1471-4A	1/4	1/8
PC1471-4B	1/4	1/4
PC1471-6B	3/8	1/4
PC1471-6C	3/8	3/8
PC1471-8C	1/2	3/8



TEE
Ends Tube
Center
Male Pipe

PART No.	Tube	Pipe
PC1472-4A	1/4	1/8
PC1472-4B	1/4	1/4
PC1472-6A	3/8	1/8
PC1472-6B	3/8	1/4
PC1472-6C	3/8	3/8
PC1472-8B	1/2	1/4
PC1472-8C	1/2	3/8



TEE
Ends Tube
Center
Female Pipe

PART No.	Tube	Pipe
PC1478-4A	1/4	1/8
PC1478-4B	1/4	1/4
PC1478-6B	3/8	1/4



TEE
Ends Tube
and Male Pipe
Swivel
Center Tube

PART No.	Tube	Pipe
PC1471SW-4A	1/4	1/8
PC1471SW-4B	1/4	1/4
PC1471SW-6B	3/8	1/4
PC1471SW-6C	3/8	3/8
PC1471SW-8C	1/2	3/8
PC1471SW-8D	1/2	1/2



TEE
Ends Tube
Center Male
Pipe Swivel

PART No.	Tube	Pipe
PC1472SW-4A	1/4	1/8
PC1472SW-4B	1/4	1/4
PC1472SW-6B	3/8	1/4
PC1472SW-6C	3/8	3/8
PC1472SW-8B	1/2	1/4
PC1472SW-8C	1/2	3/8
PC1472SW-8D	1/2	1/2



TEE
Ends Tube
Center Female
Pipe Swivel

PART No.	Tube	Pipe
PC1478SW-4A	1/4	1/8
PC1478SW-6B	3/8	1/4



**TUBE
INSERT**

PART No.	Tube
PC1400-4	1/4
PC1400-6	3/8
PC1400-8	1/2

ASSEMBLY INSTRUCTIONS

PUSH-TO-CONNECT FITTINGS FEATURE A LABOR SAVING FULL FLOW DESIGN THAT REQUIRES NO TOOLS.



TO CONNECT TUBE:

Cut tube as squarely as possible. Insert tube end into fitting, slide the I.D. of the tube over the tube support until friction is felt as tube slides past the O-ring. Using a slight twisting motion while inserting the tube is often helpful. After this initial friction is felt, continue to push in the tube until it bottoms firmly against the internal tube support.



TO DISCONNECT TUBE:

With thumb and forefinger, hold down the top of the insert against the fitting body and then, with the other hand, pull out the tube. No tools are needed.

AIR BRAKE TUBE FIELD REPAIR KIT

PART No. ABR-KIT-1-PC

This kit includes a selection of Push-To-Connect fittings and tube to complete many temporary air brake tube repairs in the field or shop.

Single sided carry case, with handle.

Push-To-Connect; Repair Kit Selection:

PART No.	Qty	PART No.	Qty
1485-4-CUT	24 In.	PC1468-6C	2
1485-6-CUT	24 In.	PC1468-8C	1
1485-8-CUT	24 In.	PC1469-4A	2
PC1462-4	2	PC1469-6B	2
PC1462-6	2	PC1469-8C	1
PC1462-8	2	TK-1	1
PC1468-4A	2	ABFR-BOX-1	1
PC1468-6B	2		

**No Tools
Required**

Overall:
Height 12 inches
Width 14-1/2 inches
Depth 2-3/8 inches



AIR BRAKE SERVICE KIT

PART No. ABR-KIT-2

Designed for use in the field or shop, this kit includes a selection of items to complete many general repairs.

New Compact Double sided carry case, with handle.

D.O.T. Air Brake & Pipe; Service Kit Selection:

PART No.	Qty	PART No.	Qty	PART No.	Qty
103-A	2	1460-6	3	1468-8C	2
103-B	2	1460-8	3	1469-4A	2
103-C	2	1460-10	2	1469-4B	2
103-D	1	1461-4	3	1469-6B	2
110-BA	3	1461-6	3	1469-6C	2
110-CB	2	1461-8	3	1469-8C	2
110-DC	2	1461-10	2	1481-4	3
121-B	3	1462-4	2	1481-6	3
121-C	2	1462-6	2	1481-8	3
121-D	2	1462-8	2	1481-10	3
121-M8	2	1462-10	1	X115-B	2
122-B	3	1468-4A	2	X115-C	2
122-C	2	1468-4B	2	ABFR-BOX-2	1
122-D	2	1468-6B	2		
1460-4	3	1468-6C	2		



Overall:
Height 9-3/4 inches
Width 14 inches
Depth 4 inches

BRASS D.O.T. AIR BRAKE FITTINGS ASSEMBLY INSTRUCTIONS

- Cut tube squarely.
- Slide nut and then sleeve onto tube.
- Insert tube fitting until it bottoms on seat.



Full Turns
Clockwise



Wrench turns as per chart.

USE WITH 1485 TUBE

Tube Size	Additional number of full turns from hand tight.
1/4"	3
3/8", 1/2", and 5/8"	4
3/4"	3-1/2

- Hand tighten and mark body.



BRASS D.O.T. AIR BRAKE HOSE COUPLINGS AND STEEL TERMINAL BOLTS

A



SLEEVE

PART No.	For Hose I.D.
1490-6	3/8
1490-8	1/2



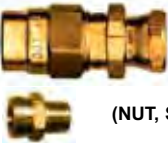
NUT

PART No.	For Hose I.D.
1491-6	3/8
1491-8	1/2



COUPLER ASSEMBLY (NUT, SLEEVE AND COUPLER)

PART No.	For Hose I.D.	Pipe
1492-6B	3/8	1/4
1492-6C	3/8	3/8
1492-6D	3/8	1/2
1492-8C	1/2	3/8
1492-8D	1/2	1/2



SWIVEL COUPLER ASSEMBLY (NUT, SLEEVE AND COUPLER)

PART No.	Hose I.D.	Pipe
1492SW-6	3/8	--
1492SW-8	1/2	--
1492SW-6B *	3/8	1/4
1492SW-6C *	3/8	3/8
1492SW-6D *	3/8	1/2
1492SW-8C *	1/2	3/8

* Complete with 4134 series adapter.



HOSE SPLICER

PART No.	For Hose I.D.
1492-6S	3/8
1492-8S	1/2



COUPLER

PART No.	For Hose I.D.	Pipe
B1492-6B	3/8	1/4
B1492-6C	3/8	3/8
B1492-6D	3/8	1/2
B1492-8C	1/2	3/8
B1492-8D	1/2	1/2



COUPLER ASSEMBLY WITH SPRING GUARD (NUT, SLEEVE, COUPLER AND SPRING)

PART No.	For Hose I.D.	Pipe
1493-6B	3/8	1/4
1493-6C	3/8	3/8
1493-6D	3/8	1/2
1493-8C	1/2	3/8
1493-8D	1/2	1/2



SWIVEL COUPLER ASSEMBLY WITH SPRING GUARD (NUT, SLEEVE, COUPLER AND SPRING)

PART No.	For Hose I.D.	Pipe
1493SW-6	3/8	
1493SW-8	1/2	
1493SW-6B *	3/8	1/4
1493SW-6C *	3/8	3/8
1493SW-8C *	1/2	3/8

* Complete with 4134 series adapter.



NUT WITH SPRING HOSE GUARD

PART No.	For Hose I.D.
1494-6	3/8
1494-8	1/2



TERMINAL BOLT (STEEL)

PART No.	Female Pipe	Length (IN.)
1495-C	3/8 X 3/8	1-3/8
1495-L	1/4 X 1/4	1-1/2
1495-S	1/4 X 1/4	31/32



TERMINAL BOLT (BRASS)

PART No.	Female Pipe	Length (IN.)
1495B-A	1/8 X 1/8	1-1/2
1495B-C	3/8 X 3/8	1-1/4
1495B-D	1/2 X 1/2	1-1/2
1495B-L	1/4 X 1/4	1-1/2
1495B-S	1/4 X 1/4	31/32



TERMINAL BOLT (STEEL)

PART No.	Pipe	Length (IN.)
1496-DC	1/2M X 3/8F	2



TERMINAL BOLT

PART No.	Pipe	Material	Length (IN.)
1497-DB	1/2M X 1/4F	Steel	2-3/4
1497-DBS	1/2M X 1/4F (Short)	Brass	1-5/8



For Nylon



For Copper

TERMINAL BOLT (STEEL)

PART No.	For Nylon Tube	Pipe	Length (IN.)
1498N-6D	3/8 O.D.	1/2M X 1/4F	2-5/8

(Complete with 1461 series brass nut.)

PART No.	For Copper Tube	Pipe	Length (IN.)
1498-6D	3/8 O.D.	1/2M X 1/4F	3-1/4

(Complete with 1161 series brass nut & sleeve.)



For Nylon



For Copper

TERMINAL BOLT (STEEL)

PART No.	For Nylon Tube	For Hose I.D.
1499N-6 *	3/8 O.D.	3/8

* Complete with 1461 series nut.

PART No.	For Copper Tube	For Hose I.D.
1499-6	3/8 O.D.	3/8

HOSE CONNECTOR FOR HAB ASSEMBLIES



PART No.	Straight Thread	Pipe
4134-6B	3/4-20	1/4
4134-6C	3/4-20	3/8
4134-6D	3/4-20	1/2
4134-8C	3/4-20	3/8
4134-8D	3/4-20	1/2
4134-8C-WH	7/8-20	3/8
4134-8D-WH	7/8-20	1/2

USED WITH HAB ASSEMBLIES.